

FIG. 1

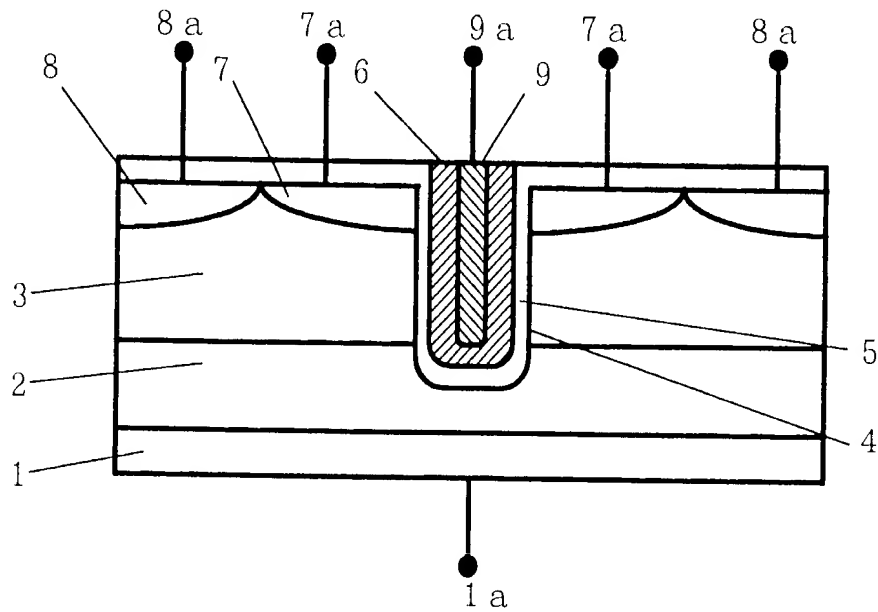
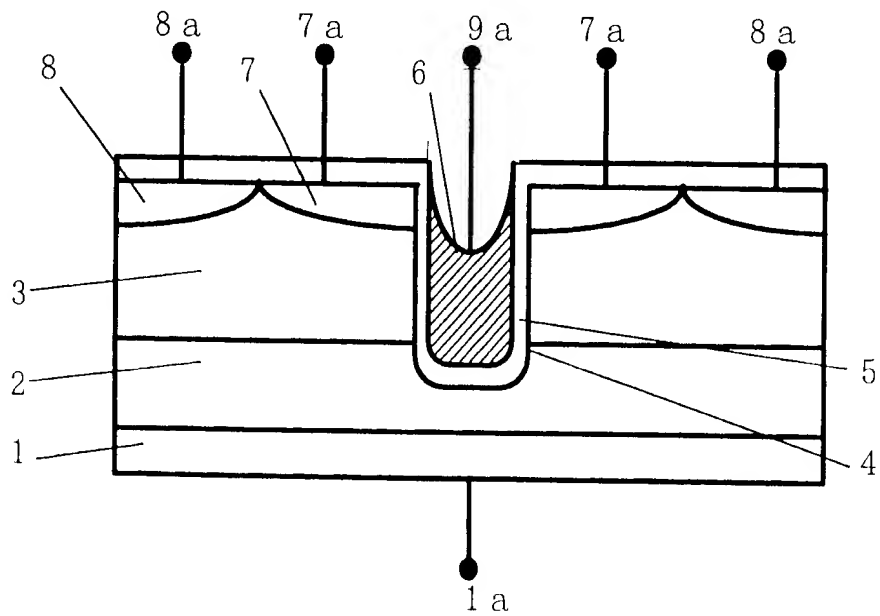


FIG. 2



Prior Art

FIG. 3

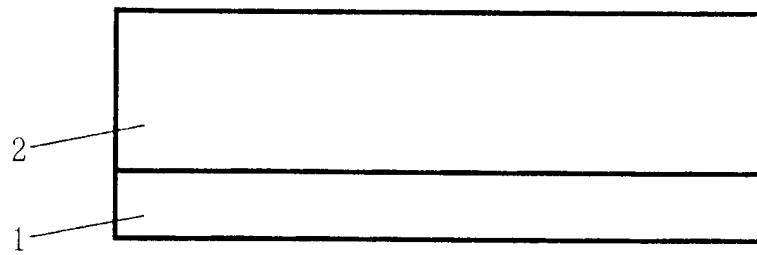


FIG. 4

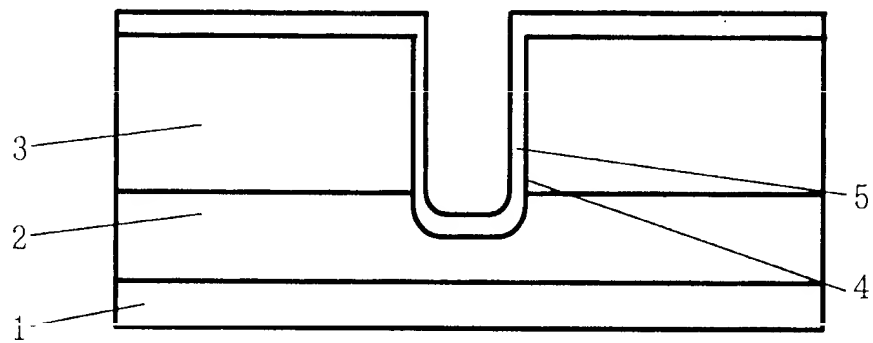


FIG. 5

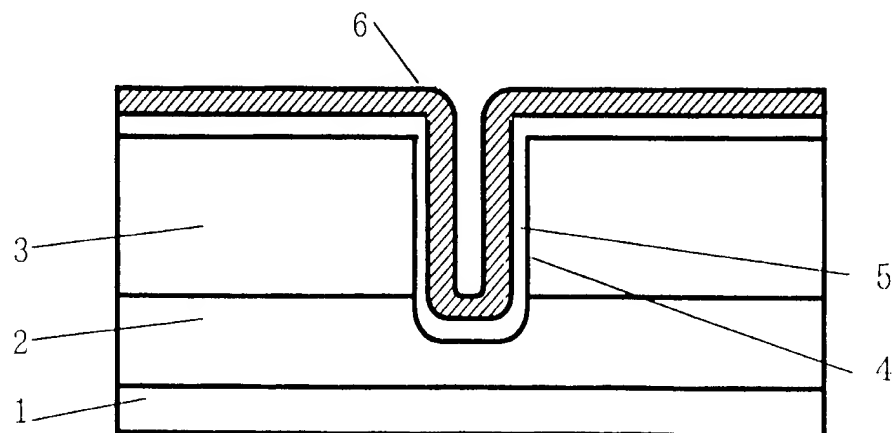


FIG. 6

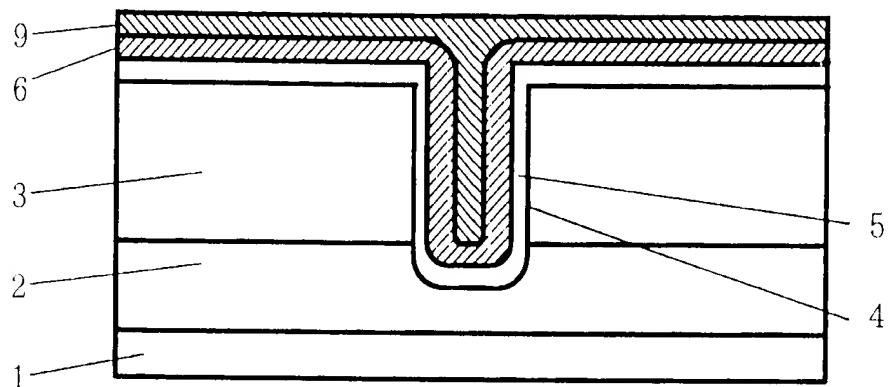


FIG. 7

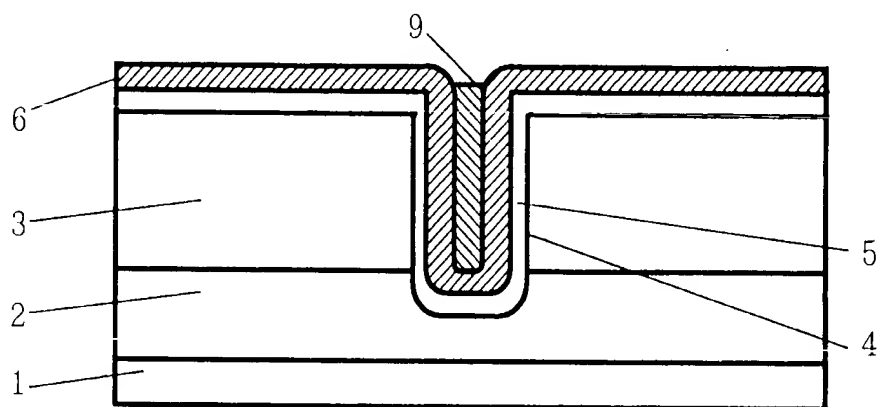


FIG. 8

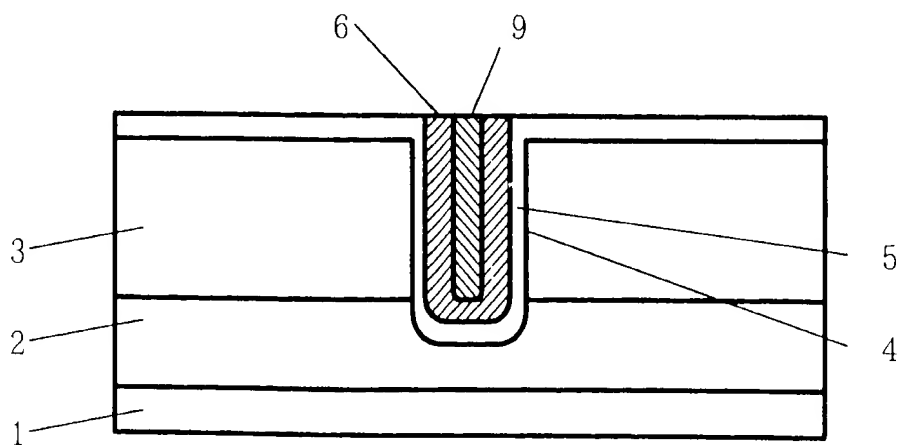


FIG. 9

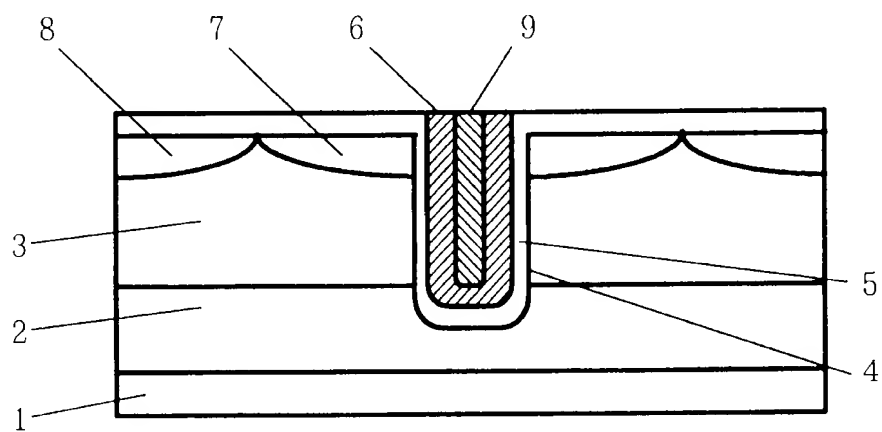
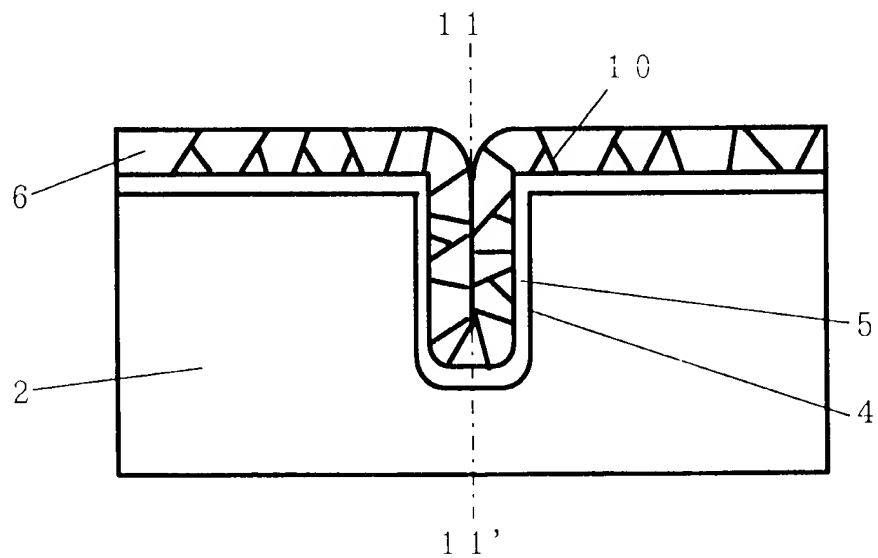


FIG. 10



Prior Art

A cross-sectional view of a substrate assembly. The assembly consists of a top layer (8) and a bottom layer (1), with intermediate layers (2, 3, 4, 5) in between. A central U-shaped cavity (6) is formed in the top layer, extending through layers 3 and 4. The cavity is filled with a material (9a). The top surface of the substrate has several circular features (7a, 8a) and a central circular feature (1a) at the bottom of the cavity. The bottom surface of the substrate has a circular feature (1a) at the center of the cavity.